

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Vladimir I. Slepnev

Application No.: 10/600,201

Confirmation No.: 5135

Filed: June 20, 2003

Art Unit: 1637

For: METHODS OF DETECTING SEQUENCE
DIFFERENCES

Examiner: A. M. Bertagna

RESPONSE TO FINAL OFFICE ACTION

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is filed in response to the Final Office Action mailed July 9, 2007 in the above-noted patent application.

Amendments to the Claims are shown in the **Listing of the Claims** begins on page 2 of this paper. The amendments add no new matter.

Remarks/Arguments begin on page 12 of this paper.

Kindly enter the following amendments and remarks.